

AMENDMENTS TO THE ABSTRACT

Please amend the abstract on page 20, as follows:

Data cartridge detection systems and methods. ~~An embodiment of a method comprises~~  
include detecting a signal reflected from a data cartridge in a picker cartridge engaging assembly.  
An output is generated to indicate whether the data cartridge is present in the cartridge engaging  
assembly based on the detected signal. Moving the picker assembly after a loading operation on  
if the detected signal indicates the data cartridge is engaged in the picker assembly. The method  
may further comprise moving the picker assembly after an unloading operation only if the  
detected signal indicates the data cartridge is disengaged from the picker assembly.